

1. For each of the following, circle the correct branch of statistics that applies.

(a) In 2010, 58.1% of all Shasta College students were female.

(b) Trends indicate that by 2020, no more than 54% of all Shasta College students will be female.

descriptive      inferential

descriptive      inferential

2. For each of the following, circle the correct data type that applies.

(a) The birth weights of 30 puppies.

(b) The hair colors of 30 puppies.

qualitative      quantitative

qualitative      quantitative

3. For each of the following, circle the correct data type that applies.

(a) The heights of 5 children.

(b) The number of siblings in a family.

discrete      continuous

discrete      continuous

5. A survey has been given to 500 randomly selected home owners in California to determine the average mortgage paid by all California home owners. Circle the key term that accurately describes the following:

(a) Average mortgage paid by 500 randomly selected home owners

(b) All California home owners

population      sample

population      sample

parameter      statistic

parameter      statistic

(c) 500 randomly selected home owners

(d) Average mortgage paid by all CA home owners

population      sample

population      sample

parameter      statistic

parameter      statistic